

# Overview of the EM Corporate Database

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# IPABS Background

- The Integrated Planning, Accountability, and Budgeting System (IPABS) was conceptualized in 1997 in parallel with the “2006 Plan” (now *Paths to Closure*)
- IPABS is based on the concept of projectization and completion of all of EM’s work
- In the spring of 1998, a formal system development process began to build the IPABS-IS (IPABS- Information System). IPABS-IS will be the information system used to support EM’s core business processes

# IPABS-IS Scope

- Support EM's business processes, including planning, budgeting, and execution that are integral to achieving EM's mission
- Bring timely and reliable data to the desktops of Operations/Field Office and Headquarters users, which is relevant to program/project management and reporting activities, and national policy
- Support the replacement of current data collection processes that are duplicative, time consuming, or poorly coordinated
- Improve EM's ability to consistently and accurately respond to customers
- Move from disconnected tools to an integrated data management toolset

# IPABS-IS Development Strategy

- Evaluate requirements:
  - Determine what **data** are necessary to perform EM national functions
  - Develop the necessary **functionality** to collect, view, edit, and report EM data
  - Establish the **technical** specifications for the system
- Analyze requirements
- Consolidate existing data into the EM Corporate Database
- Develop applications to interface with the EM Corporate Database in a phased approach

# Interfaces with the EM Corporate Database

## IPABS-IS Applications IPABS-IS Databases

### IDMS

Primary Data Entry Tool for EM Corporate Data including life-cycle planning and budget data by PBS

### AVS

Primary Data Entry Tool for EM Stream Disposition Data

### NMS

Site (S&T) Need Statements and OST Technical Responses

### TMS

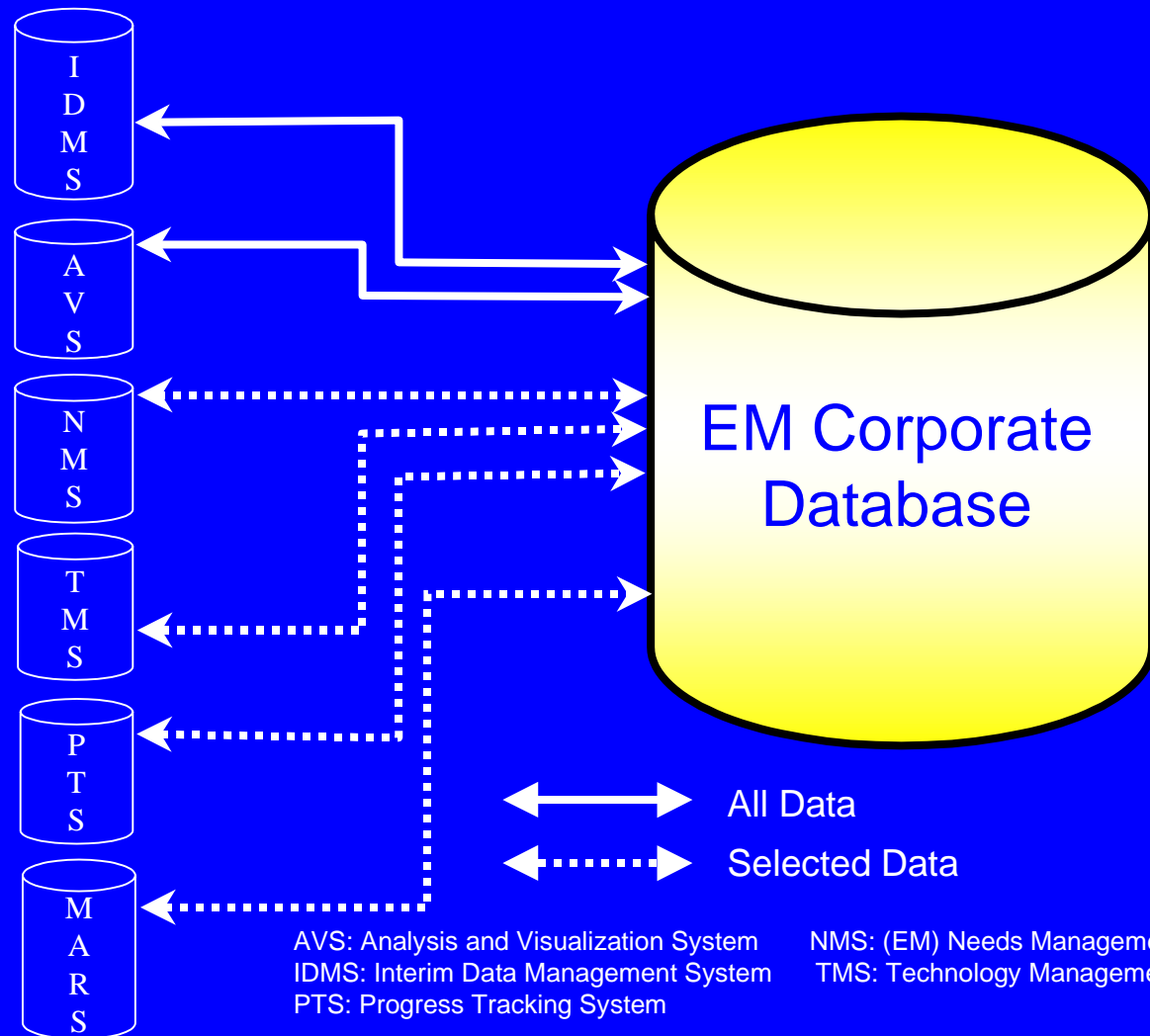
OST (EM-50) Technology Data

### PTS

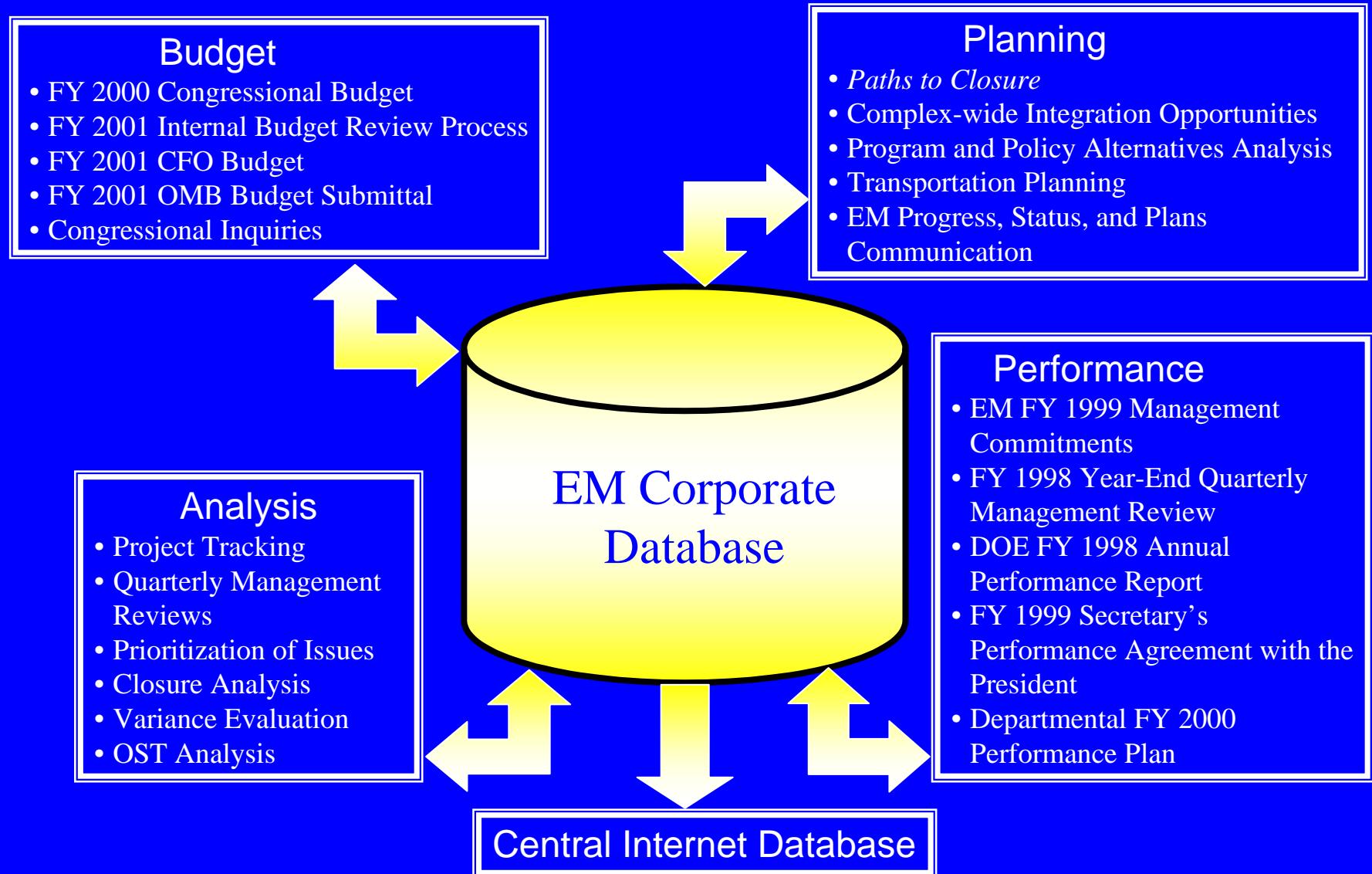
FY 1999 Data Entry Tool for EM Execution Tracking Data

### MARS

Primary Database for Departmental Financial Data



# How The Corporate Database Is Used

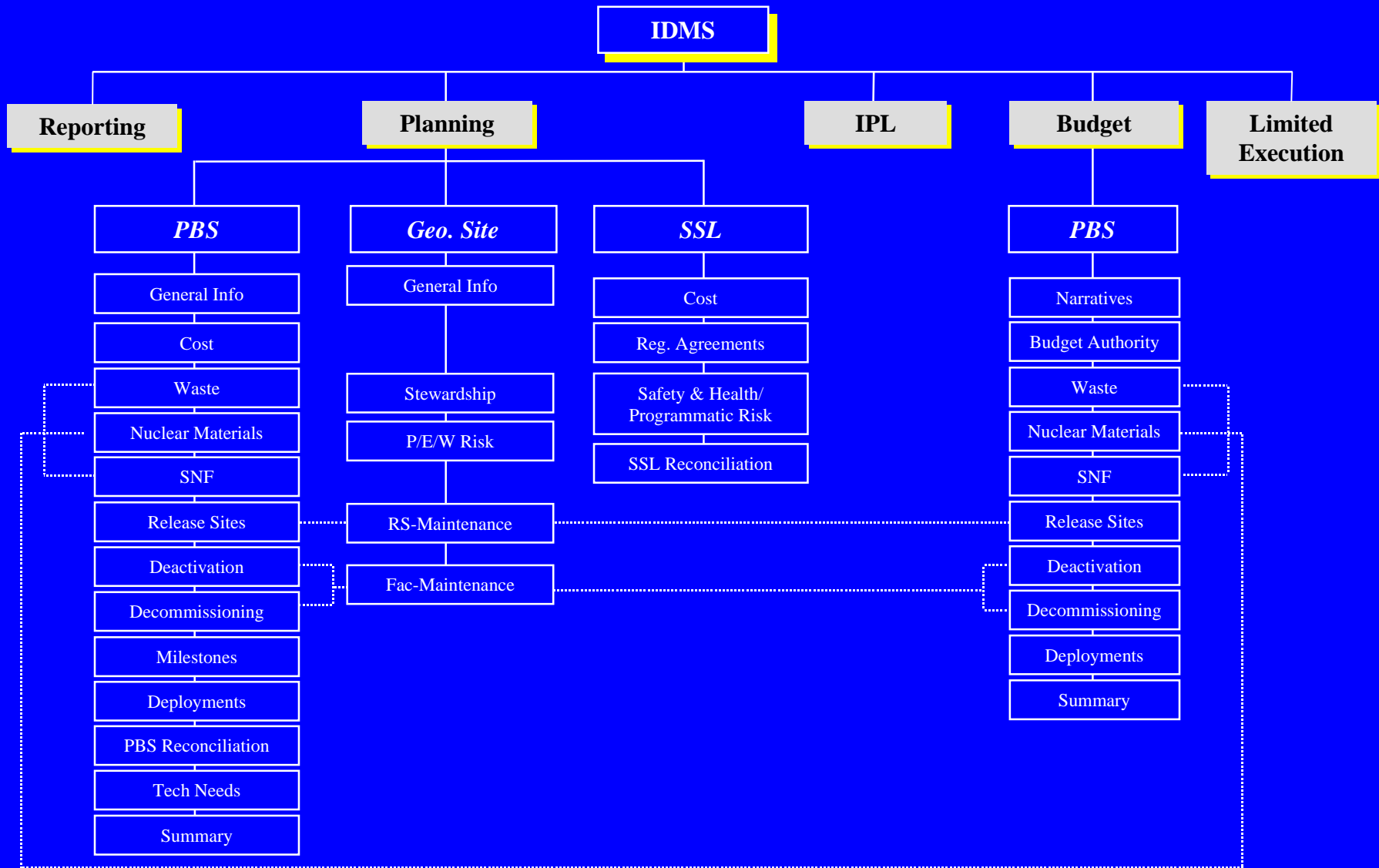


# The Interim Data Management System (IDMS)

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- Phase I of IPABS-IS development
- Web-based tool for data entry, viewing, and reporting to allow multi-user, multi-site access to information
- Used to collect lifecycle planning and FY 2001 budget formulation data for the Spring, 1999 update to the EM Corporate Database. Also used to collect FY 1999 performance measure actuals.

# IDMS Navigation and Screen Overview





# IPABS-IS Next Steps

- Evaluate lessons learned from IDMS
- Transition waste planning data collection into IPABS-IS by next fall
- Incorporate full execution module into the next phase of IPABS-IS in time to begin FY 2000 execution
- Expand the reporting capabilities of IPABS-IS to include additional standard reports as well as an online report generator
- Improve interfaces with other HQ and Field systems

# Budget Authority

In IDMS, Operations/Field Offices report BA by category and subcategory for each PBS which must tie to the total BA reported for the PBS.

**IDMS** *Budget Module*

**Select Account:** Defense Facilities Closure Projects-Site Closure

**Select Project:** OH-FN-07-Silos

<i>Budget Authority (\$000)</i>					
	FY 2001				
	FY 1999	FY 2000	Decrement	Target	Planning (Baseline)
<b>Total Account Balance:</b>	381,040	397,282	83,000	205,000	387,454
<b>IPL Allocation:</b>			0	0	0
<b>Estimate of Allocation:</b>	17,545	33,922	0	0	0
<b>Current Allocation:</b>	17,545	33,922	<input type="text"/>	<input type="text"/>	26,099

*Budget Authority Estimate (\$000)*

Category / Subcategory	Type	FY 1999	FY 2000	Decrement	FY 2001 Target	Planning (Baseline)
Release Sites/Cleanup	Operating	17,545	33,922	<input type="text"/>	<input type="text"/>	<input type="text"/>

Cancel Save

Add Category/Subcategory

# Budget Narratives

In IDMS, Operations/Field Offices provide narrative information for each PBS to be used in the EM budget.

The screenshot displays the IDMS Budget Module interface. At the top, the 'IDMS Budget Module' header is visible. Below it, the 'Select Account:' dropdown is set to 'Defense Facilities Closure Projects-Site Closure', and the 'Select Project:' dropdown is set to 'OH-AB-01-Remediation'. A navigation bar contains tabs for 'Narratives', 'Bgt. Auth.', 'Waste', 'N.M.', 'SNF', 'Rel. Sites', 'Deactivation', 'Decommissioning', 'Deployments', and 'Summary'. The 'Narratives' tab is active, showing a 'Narratives' sub-header. The main content area is divided into three sections: 'Life-cycle Project Description', 'Accomplishments through FY 2000', and 'Planned Activities at Target in FY 2001'. Each section contains a text box with project details. At the bottom of the main content area, there is a 'No Update Privileges.' message and a 'Project Narratives' button. The footer of the interface includes a series of icons and labels: 'Change Data Set', 'Budget Module', 'Integrated Priority List', 'Planning Module', 'Report Module', 'Approval Module', 'Log Out', 'Contact Us', and 'Help'.

**IDMS Budget Module**

Select Account: Defense Facilities Closure Projects-Site Closure

Select Project: OH-AB-01-Remediation

Narratives | Bgt. Auth. | Waste | N.M. | SNF | Rel. Sites | Deactivation | Decommissioning | Deployments | Summary

**Narratives**

**Life-cycle Project Description**

The Ashtabula Environmental Management Project (AEMP) remediation project consists of the demolition or decontamination of 26 facilities, equipment disposal, and remediation of affected land areas and groundwater. Completion will allow

**Accomplishments through FY 2000**

Disposed of all Special Nuclear Material (FY 1997). Completed remediation of the main Extrusion Press; completed Soil Treatment pilot study; completed "Area D" remediation; received NRC conditional approval of "Area D" remediation;

**Planned Activities at Target in FY 2001**

Deactivate 9 facilities; Demolish 10 facilities; Process and dispose of remediation waste from decommissioned facilities; Ship 235 M3 Low Level Waste to DOE disposal sites; Complete Corrective Action Management Unit (CAMU) facility design;

No Update Privileges. Project Narratives

Change Data Set | Budget Module | Integrated Priority List | Planning Module | Report Module | Approval Module | Log Out | Contact Us | Help

# Integrated Priority List

In IDMS, each Operations/Field Office provides a ranked list of its priorities for the formulation year.

Integrated Priority List

click on the priority to edit details of a priority or to delete a priority				FY 2001 (in thousands of dollars)		
Priority	PBS No. & Name	Sub-PBS No.	Sub-PBS Name	Decrement	Target	Planning
<a href="#">1</a> 1	RL-ER02 200 Area Remedial Action	A	Subcode A	400	500	500
<a href="#">2</a> 2	RL-ER06 Decontamination and Decommissioning	B	PBS Subcode B	100	100	100

Save
Cancel
Add
Narratives

	Decrement	Target	Planning
TOTAL (from IPL list):	\$500	\$600	\$600
Richland Operations Office Allocation:	\$905,344	\$1,065,111	

# PBS Planning Information

The screenshot shows the IDMS Planning Module web interface. At the top left, the logo "IDMS" is followed by "Planning Module". Below this, a "Select Project:" label is next to a dropdown menu showing "OH-AB-01-Remediation". A horizontal navigation bar contains several tabs: "Gen. Info.", "Cost", "Waste", "N.M.", "SNF", "RS Cleanup", "Deactivation", "Decommissioning", "Milestones", "Deployments", "Reconciliation", "Tech. Needs", and "Summary". The main content area features the "IDMS Environmental Management" logo and the text "Please Select Tab". At the bottom, a row of circular icons with labels provides navigation: "Change Data Set", "Budget Module", "Integrated Priority List", "Planning Module" (highlighted with a green dot), "Report Module", "Approval Module", "Log Out", "Contact Us", and "Help".

**IDMS** *Planning Module*

Select Project: OH-AB-01-Remediation

Gen. Info. Cost Waste N.M. SNF RS Cleanup Deactivation  
Decommissioning Milestones Deployments Reconciliation Tech. Needs Summary

**IDMS**  
*Environmental Management*

Please Select Tab

Change Data Set Budget Module Integrated Priority List **Planning Module** Report Module Approval Module Log Out Contact Us Help

# Geographic Site Planning Information

The screenshot shows the IDMS Planning Module web interface. At the top left, the logo "IDMS" is followed by "Planning Module". Below this, the text "Select Geographic Site:" is displayed next to a dropdown menu showing "Columbus Environmental Management Project - King Avenue". A horizontal navigation bar contains tabs for "Gen. Info.", "Stewardship", "Risk", "RS-Maintenance", and "Fac-Maintenance". The main content area features the "IDMS Environmental Management" logo and the instruction "Please Select Tab". At the bottom, a series of circular buttons represent different modules: "Change Data Set", "Budget Module", "Integrated Priority List", "Planning Module" (which is highlighted with a green dot), "Report Module", "Approval Module", "Log Out", "Contact Us", and "Help".

**IDMS** *Planning Module*

Select Geographic Site: Columbus Environmental Management Project - King Avenue

Gen. Info. Stewardship Risk RS-Maintenance Fac-Maintenance

**IDMS**  
*Environmental Management*

Please Select Tab

Change Data Set Budget Module Integrated Priority List **Planning Module** Report Module Approval Module Log Out Contact Us Help

# Site Summary Level (SSL) Planning Information

The screenshot shows the IDMS Planning Module web interface. At the top left, the logo "IDMS" is followed by "Planning Module". Below this, the text "Select SSL:" is displayed next to a dropdown menu showing "West Valley Demonstration Project". A horizontal navigation bar contains four tabs: "Cost", "Reg. Agreements", "Safety/Health", and "Reconciliation". The main content area features the "IDMS Environmental Management" logo and the instruction "Please Select Tab". At the bottom, a horizontal menu with circular icons lists the following options: "Change Data Set", "Budget Module", "Integrated Priority List", "Planning Module" (which is highlighted with a green dot), "Report Module", "Approval Module", "Log Out", "Contact Us", and "Help".

**IDMS** *Planning Module*

Select SSL: West Valley Demonstration Project

Cost Reg. Agreements Safety/Health Reconciliation

**IDMS**  
*Environmental Management*

Please Select Tab

Change Data Set Budget Module Integrated Priority List **Planning Module** Report Module Approval Module Log Out Contact Us Help